NITFS
Compliance Registration

Product: Kodak Libraries, Version 1.2

Sponsor: Eastman Kodak Company

Developer: Eastman Kodak Company

Date: 02 March 2004
Expiration: 02 March 2006
Registration #: 3007

- ☑ Initial Registration
- ☐ Supplemental/Update #
- ☐ Derived from Reg. #

Complexity Level

NITF 2.1 CLEVEL

	3	5	6	7
Interpret				
Generate				

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☑ **Component**
N-0105/98, §4.1.3

Configurations Tested:

- Personal Computers configured with :
  Windows NT 4.0, Windows 2000, and Windows XP
  Kodak Libraries (KL) NITFLib Version 1.2

- Sun Ultra 80 configured with Solaris 2.8 and 2.9
  Kodak Libraries (KL) NITFLib Version 1.2

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format
NITF
- ◑ ● v2.1
- ◑ ● v2.0
- ◑ ○ v1.1
NSIF
- ◑ ● v1.0

Pixel Value Types
- ◉ ○ Boolean
- ● ● Integer
- ● ● Signed Integer *
- ● ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ● ○ Bit Mapped **
- ● ○ CGM, 2301
- ◉ ○ CGM, 2301A
- ● ○ Labels **

Text Segments
- ● ○ STA
- ● ○ UT1
- ● ○ U8S
- ○ ○ MTF

Image Segment Types
- ● ● MONO
- ● ● RGB
- ● ○ RGB/LUT
- ● ○ YCbCr
- ◉ ● MULTI
- ○ ○ NODISPLY
- ○ ○ POLAR

Image Compression
- ● ● Not Compressed
- ● ● JPEG Lossy, 8-bit
- ● ○ JPEG Lossy, 12-bit
- ● ○ JPEG Downsample
- ● ○ JPEG Lossless
- ◉ ● JPEG 2000
- ● ○ Bi-Level
- ● ○ Vector Quantization
- ◉ ○ Multispectral JPEG, Individual Band

Data Extension Segments
- ● ○ TRE_OVERFLOW
- ◉ ○ STREAMING_FILE_HEADER
- ● ○ Controlled Extensions **
- ○ ○ Registered Extensions **

Tagged Record Extensions
- ● ○ ICHIPB
- ● ○ RPC00B
- ● ● IOMAPA
- ○ ○ PIAE
- ○ ○ NSDE
- ◉ ○ ASDE
- ○ ○ CSDE
- ○ ○ RPF
- ○ ○ DPPDB
  Digest GeoSDE

- ● Fully implemented
- ◉ Partially implemented
- ○ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program